

# Recombinant Full Length Human GRAMD1A Protein, GST-tagged

**Cat. No.** GRAMD1A-5424HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GRAMD1A full-length ORF (BAG53435.1, 1 a.a. - 806 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 806 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | GRAMD1A (GRAM Domain Containing 1A) is a Protein Coding gene. An important paralog of this gene is GRAMD1B.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 116.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MDDVLPLMPWETLLAQGSPQGSPDLPAGQRKQQPQGDRAQGLASESWKLLEVPII<br>HITPSSDGESPTCTPTPRRRQQQRMPDPQSLSQDSTTPHSGRSTPSSSPSLRKRLQ<br>LLPPSRPPPEPEPGTMVEKGSDDSSSEKGGVPGTPSTQSLGSRNFIRNSKKMQSWY<br>SMLSPTYKQRNEDFRKLFSKLPEAERLIVDYSCALQREILLQGRLYLSENWICFYNSI<br>FRWETTISIQLKEVTCLKKEKTAKLIPNAIQICTESEKHFFTSFGARDRCFLIFRLWQN<br>ALLEKTLSPRELWHLVHQCYSGLTSEDEDYVSPLQLNGLGTPKEVGDVIALSDIT<br>SSGAADRSQEPSPVGSRRGHVTPNLSRASSDADHGAEEDKEEQVDSQPDASSSQ<br>TVTPVAEPPSTEPTQPDGPTTLGPLDLLPSEELLTDTSNSSSSTGEEDLAALLPDLSG<br>RLLINSVFHVGAERLQQMLFSDSPFLQGFLQQCKFTDVTLSPWGDSKCHQRRVLT<br>YTIPISNPLGPKSASVVETQALFRRGPQAGGCVDSEVLTQGIPYQDYFYTAHRYCIL |

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GLARNKARLRVSSEIRYRKQPWSLVKSLIEKNSWSGIEDYFHHLERELAKAEKLSLE  
EGGKDARGLLSGLRRRKRP LSWRAHGDGPQHDPDP CARAGIHTSGSLSSRFSEP  
SVDQGP GAGIP SALVLISIVLIILIALNVLLFYRLWSLERTAH TFESWHS LALAKGKFPQ  
TATEWAEILALQKQFHSVEVHKWRQILRASVELLD EMMKFSLEKLHQGITVSDPPFDT  
QPRPDDSF S

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

GRAMD1A GRAM domain containing 1A [ Homo sapiens ]

**Official Symbol**

GRAMD1A

**Synonyms**

GRAMD1A; GRAM domain containing 1A; KIAA1533; GRAM domain-containing protein 1A; FLJ90346; FLJ22411;

**Gene ID**

57655

**mRNA Refseq**

NM\_001136199

**Protein Refseq**

NP\_001129671

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**UniProt ID**

Q96CP6

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